L Number	Hits	Search Text	DB	Time stamp
55	21	(dipole) same (acoustic near radiation)	USPAT; US-PGPUB; EPO; JPO	2004/06/27 14:40
56	709	(dipole) same ("90")	USPAT; US-PGPUB; EPO; JPO	2004/06/27 14:40
57	95	(dipole) same ("90") same radiation	USPAT; US-PGPUB; EPO; JPO	2004/06/27 14:42
58	41	(dipole) same ("90") and radiation and speak$3	USPAT; US-PGPUB; EPO; JPO	2004/06/27 14:42
59	3	(381/89,86,80,82,302,342,387,389).ccls.and (radiation same "90")	USPAT; US-PGPUB; EPO; JPO	2004/06/27 14:54
60	2	(("5870484") or ("4460061")).PN.	USPAT	2004/06/27 14:54
-	164	(700/94).CCLS.	USPAT	2004/05/12 16:02
-	164	(700/94).CCLS.	USPAT	2004/06/23 10:56
-	0	("(concavenear2reflect$2)near7soundnear2source").PN.	USPAT; US-PGPUB; EPO; JPO	2004/05/12 16:03
-	1	(concave near2 reflect$2) near7 sound near2 source	USPAT; US-PGPUB; EPO; JPO	2004/05/12 16:03
-	23	(concave near2 reflect$2) and (sound near2 source)	USPAT; US-PGPUB; EPO; JPO	2004/05/12 16:04
-	4	(concave near2 reflect$2) same (sound near2 source)	USPAT; US-PGPUB; EPO; JPO	2004/05/12 16:06
-	21	dipole near2 sound near2 source	USPAT; US-PGPUB; EPO; JPO	2004/06/23 09:53
-	15	(vehicle near2 sound near2 amplifi$9)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:00
-	1	(dipole near2 sound near2 source) same passenge$2	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:02
-	1	(dipole near2 sound near2 source) and passenge$2	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:02
-	8	(dipole near2 sound near2 source) same driver	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:03
-	1	(dipole near2 sound near2 source) same (signal near2 process$3)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:04
-	10	(dipole near2 sound near2 source) and (signal near2 process$3)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:09
-	1	matsushita.AS. and dipole near2 source and vehicle	USPAT; US-PGPUB; EPO; JPO	2004/06/24 12:46
-	0	matsushita.AS. and dipole near2 source and car	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:10
-	0	kakuhari.in. and dipole near2 source and car	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:10
-	0	kakuhari.in. and dipole near2 source	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:10
-	1	terai.in. and dipole near2 source	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:10

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–	1	kakubari.in. and dipole near2 source	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:10
–	499	(700/94).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:11
–	0	(700/94).ccls. and dipole near2 source same passenger	USPAT	2004/06/23 10:11
–	0	(700/94).ccls. and dipole near2 source	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:11
–	0	("(dipolenear2sound)same(non-direction$2)") USPAT		2004/06/23 10:56
–	0	(dipole near2 sound) same (non-direction$2)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:56
–	0	(dipole near2 sound) same (non near2 direction$2)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 10:57
–	1	(dipole near2 sound) and (non near2 direction$2)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:02
–	5	("3104729" | "3627948" | "3754618" | "4596034" | "5764777").PN.	USPAT	2004/06/23 10:59
–	1	5870484.URPN.	USPAT	2004/06/23 11:00
–	6	("5073945" | "5212732" | "5233664" | "5828763" | "5870484" | "6031921").PN.	USPAT	2004/06/23 11:01
–	378	(381/300).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:03
–	7	(381/300).ccls. and dipole	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:04
–	5	(381/$).ccls. and dipole same vehicle	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:06
–	2	(381/$).ccls. and dipole and vehicle and (non near2 directional)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:16
–	2	(381/$).ccls. and dipole same (non near2 directional)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:31
–	3	(381/$).ccls. and (dipole near2 speak$3) same bass	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:34
–	2	5212732.URPN.	USPAT	2004/06/23 11:34
–	1	(381/$).ccls. and (dipole near2 speak$3) same subwoofer	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:35
–	4	(381/$).ccls. and (dipole near2 speak$3) and subwoofer	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:54
–	808	(381/89,86).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/24 13:07
–	1	"5546465".PN.	USPAT	2004/06/23 12:01
–	237	(381/387,389).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/23 12:06
–	152	(381/302,342).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/23 12:06
–	213	(381/80,82).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/23 12:06
–	0	(381/89,86,80,82,302,342,387,389).ccls. and dipole same (non adj directional)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:11

-	0	(381/89,86,80,82,302,342,387,389).ccls. and dipole same (non-directional)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 12:08
-	1	(381/89,86,80,82,302,342,387,389).ccls. and dipole and (non-directional)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 12:08
-	1	(381/89,86,80,82,302,342,387,389).ccls. and dipole and (non near2 directional)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 12:08
-	16	(381/89,86,80,82,302,342,387,389).ccls. and dipole	USPAT; US-PGPUB; EPO; JPO	2004/06/23 12:08
-	4	(381/89,86,80,82,302,342,387,389).ccls. and dipole same (omnidirectional)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 12:12
-	5	(381/89,86,80,82,302,342,387,389).ccls. and dipole and (omnidirectional)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:16
-	0	(381/89,86,80,82,302,342,387,389).ccls. and DSP near2 control$4 near2 phase	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:29
-	0	(381/89,86,80,82,302,342,387,389).ccls. and (signal near2 process$4) near2 control$4 near2 phase	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:30
-	5	(381/89,86,80,82,302,342,387,389).ccls. and (signal near2 process$4) near2 phase	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:30
-	0	(381/89,86,80,82,302,342,387,389).ccls. and (DSP) near2 phase	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:54
-	0	(DSP) near2 phase near3 speak$3	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:31
-	1	(DSP) near3 phase near3 speak$3	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:32
-	7	(DSP) same phase near3 speak$3	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:35
-	0	(DSP) and (hase near3 speak$3)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:35
-	105	(DSP) and (phase near3 speak$3)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:39
-	11	(DSP) and (radiation near2 detect$4) and error and adder and calculat$3	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:42
-	1	(DSP)same (radiation near2 detect$4) and speak$3	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:40
-	1	(DSP) same (radiation near2 detect$4) and speak$3	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:41
-	0	(DSP) same (radiation near2 sound near2 detect$4)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:41
-	34	(radiation near2 sound near2 detect$4)	USPAT; US-PGPUB; EPO; JPO	2004/06/23 17:41
-	19	(381/89,86,80,82,302,342,387,389).ccls. and (invert$2 near2 phase)	USPAT; US-PGPUB; EPO; JPO	2004/06/25 16:43
-	4	("4790408" | "5109423" | "6038326" | "6118883").PN.	USPAT	2004/06/24 09:16
-	45	(381/$).ccls. and dipole and (omnidirectional)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:17
-	0	("(signalnear2process$3)same(microphone)sam eSPAOr").PN	USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:46

–	369	(signal near2 process$3) same (microphone) same error	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:39
–	51	(signal near2 process$3) same (microphone) same error same add$2	USPAT; US-PGPUB; EPO; JPO	2004/06/24 10:09
–	34	(signal near2 process$3) same (microphone) same error same add$2 and speak$2	USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:56
–	9	5377276.URPN.	USPAT	2004/06/24 09:55
–	1	"5117401".PN.	USPAT	2004/06/24 09:56
–	0	(dipole) same (control near2 speak$2)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:57
–	1513	(dipole) same (control)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:57
–	17	(dipole) same (control) same speak$2	USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:57
–	34	(signal near2 process$3) same (microphone) same error same coefficient	USPAT; US-PGPUB; EPO; JPO	2004/06/24 10:18
–	106	(381/71.4).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/25 16:03
–	791	(381/182,186).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:01
–	19	3393764.URPN.	USPAT	2004/06/24 11:15
–	8	3590942.URPN.	USPAT	2004/06/24 11:17
–	19	4472605.URPN.	USPAT	2004/06/24 11:21
–	6	("2297972" | "2550359" | "2832843" | "2969848" | "3477540" | "3842203").PN.	USPAT	2004/06/24 11:25
–	1	(signal near2 process$3) same (steer$3 near3 speak$3)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:39
–	104	steer$3 near3 speak$3	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:42
–	29	(DSP) same (microphone) same error same phase	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:46
–	17	(DSP) same (direction$2 near2 characteris$5)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:47
–	182	(DSP)and (direction$2 near2 characteris$5)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:47
–	182	(DSP) and (direction$2 near2 characteris$5)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:47
–	180	(signal near2 process$3) same (direction$2 near2 characteris$5)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 12:45
–	0	(on adj2 vehicle) near2 amplif$9	USPAT; US-PGPUB; EPO; JPO	2004/06/24 12:45
–	16	(on-vehicle) near2 amplif$9	USPAT; US-PGPUB; EPO; JPO	2004/06/24 12:45
–	235	matsushita.AS. and dipole	USPAT; US-PGPUB; EPO; JPO	2004/06/24 12:47
–	15	matsushita.AS. and dipole and sound	USPAT; US-PGPUB; EPO; JPO	2004/06/24 12:55

-	20	5073945.URPN.	USPAT	2004/06/24 12:47
-	1	("5870484").PN.	USPAT	2004/06/24 12:55
-	5	("3104729" | "3627948" | "3754618" | "4596034" | "5764777").PN.	USPAT	2004/06/24 12:55
-	1	5870484.URPN.	USPAT	2004/06/24 12:57
-	6	("5073945" | "5212732" | "5233664" | "5828763" | "5870484" | "6031921").PN.	USPAT	2004/06/24 12:58
-	19	5233664.URPN.	USPAT	2004/06/24 12:59
-	10	("4497023" | "4597100" | "4622689" | "4685134" | "4736333" | "4933768" | "5095798" | "5233664" | "5386082" | "5459790").PN.	USPAT	2004/06/24 14:10
-	0	5793876.URPN.	USPAT	2004/06/24 13:05
-	1	5812675.URPN.	USPAT	2004/06/24 13:05
-	28	("4236039" | "4497023" | "4685134" | "4736333" | "4818938" | "4893256" | "4905094" | "4933768" | "5007707" | "5052685" | "5065345" | "5095798" | "5109482" | "5111409" | "5119474" | "5119479" | "5233664" | "5265165" | "5303218" | "5313524" | "5386082" | "5430805" | "5440638" | "5467401" | "5500900" | "5517570" | "5590207" | "5596647").PN.	USPAT	2004/06/24 13:05
-	138	(381/89).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/24 13:07
-	16	("1568589" | "2790164" | "4845759" | "4926487" | "4930596" | "5097923" | "5140641" | "5432857" | "5452025" | "5524062" | "5604337" | "5606297" | "5675131" | "5710394" | "5815589" | "5825900").PN.	USPAT	2004/06/24 13:17
-	19	5233664.URPN.	USPAT	2004/06/24 14:03
-	228	(381/335,336).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/25 15:37
-	15	3637938.URPN.	USPAT	2004/06/24 14:15
-	7	4418243.URPN.	USPAT	2004/06/24 14:17
-	11	5105906.URPN.	USPAT	2004/06/24 14:19
-	11	4100371.URPN.	USPAT	2004/06/25 10:27
-	1	("5233664").PN.	USPAT; US-PGPUB; EPO; JPO	2004/06/25 09:57
-	126	(381/97).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/25 10:12
-	6	5187333.URPN.	USPAT	2004/06/25 10:20
-	4	("3944757" | "4100371" | "4790408" | "4930596").PN.	USPAT	2004/06/25 10:20
-	0	dipole near2 US-4251687-A.DID.	USPAT; US-PGPUB; EPO; JPO	2004/06/25 10:28
-	3	dipole near2 ninety	USPAT; US-PGPUB; EPO; JPO	2004/06/25 10:28
-	0	dipole same speak$2 same ninety	USPAT; US-PGPUB; EPO; JPO	2004/06/25 10:28

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-	0	dipole same speak$2 same US-4251687-A.DID.	USPAT; US-PGPUB; EPO; JPO	2004/06/25 10:28
-	0	dipole same speak$2 same US-4251687-A.DID.	USPAT; US-PGPUB; EPO; JPO	2004/06/25 10:29
-	4	dipole same speak$2 same "90"	USPAT; US-PGPUB; EPO; JPO	2004/06/25 16:28
-	1	("5377276").PN.	USPAT; US-PGPUB; EPO; JPO	2004/06/25 15:37
-	9	5377276.URPN.	USPAT	2004/06/25 15:37
-	9	5377276.URPN.	USPAT	2004/06/25 15:55
-	7	("5278780" | "5337366" | "5377276" | "5388160" | "5586189" | "5586190" | "5710822").PN.	USPAT	2004/06/25 15:57
-	168	(381/71.1).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/25 16:03
-	11	4790408.URPN.	USPAT	2004/06/25 16:17
-	11	4790408.URPN.	USPAT	2004/06/25 16:18
-	86	dipole and (phase near2 differen$3 near3 "90")	USPAT; US-PGPUB; EPO; JPO	2004/06/25 16:29
-	21	dipole same (phase near2 differen$3 near3 "90")	USPAT; US-PGPUB; EPO; JPO	2004/06/25 16:29
-	265	(381/89,86,80,82,302,342,387,389).ccls.and ("90")	USPAT; US-PGPUB; EPO; JPO	2004/06/25 16:43
-	17	(381/89,86,80,82,302,342,387,389).ccls.and (phase same "90")	USPAT; US-PGPUB; EPO; JPO	2004/06/27 14:47
-	15	dipole and (point near2 sound near2 source)	USPAT; US-PGPUB; EPO; JPO	2004/06/25 17:00
-	0	dipole and (point near2 sound near2 source) and "1/2"	USPAT; US-PGPUB; EPO; JPO	2004/06/25 17:00
-	24	(point near2 sound near2 source) and "1/2"	USPAT; US-PGPUB; EPO; JPO	2004/06/25 17:40
-	1	4460061.URPN.	USPAT	2004/06/25 17:01
-	383	(phase near2 differen$4) near8 "90" and (radiation)	USPAT; US-PGPUB; EPO; JPO	2004/06/25 17:42
-	32	(phase near2 differen$4) near8 "90" and (radiation) and sound	USPAT; US-PGPUB; EPO; JPO	2004/06/25 17:44
-	0	(acoustic near2 radiation near2 plane) near8 "90"	USPAT; US-PGPUB; EPO; JPO	2004/06/25 17:44
-	0	(acoustic) same (radiation near2 plane) near8 "90"	USPAT; US-PGPUB; EPO; JPO	2004/06/25 17:45
-	46	(acoustic) same (radiation near2 plane)	USPAT; US-PGPUB; EPO; JPO	2004/06/25 17:45
-	8	(acoustic) same (radiation near2 plane) same phase	USPAT; US-PGPUB; EPO; JPO	2004/06/27 14:35
-	13	4836328.URPN.	USPAT	2004/06/25 17:46
-	30	(acoustic) same (radiation near2 plane) and phase	USPAT; US-PGPUB; EPO; JPO	2004/06/25 17:48

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	5	("3608665" | "3715008" | "3759345" | "5253301" | "5526456").PN.	USPAT	2004/06/25 17:51

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